



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS

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#3
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6-11-01

In re Application of:

TSUYOSHI TAKAGI

Serial No. 09/654,638

Filed: september 5, 2000

For: **UNDENIABLE DIGITAL SIGNATURE
BASED ON QUADRATIC FIELD**

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)
)
) Art Unit: To Be Assigned

)
) Examiner: To Be Assigned

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INFORMATION DISCLOSURE STATEMENT

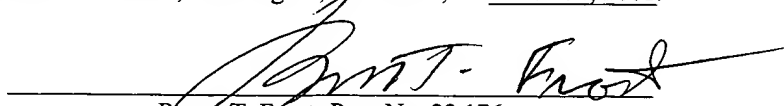
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

The citation of information on the attached Form PTO/SB/08 is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

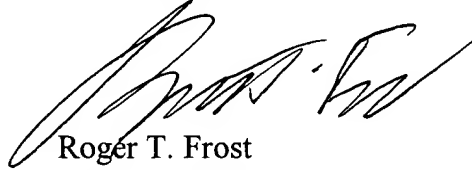
Documents 1-4 were cited in a search report for the European Patent application corresponding to the present application. A copy of the EP Search Report is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on March 14, 2001.


Roger T. Frost- Reg. No. 22,176

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,



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Our Docket: 13700-0251
(KS#44471/234055)



Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/654,638
Filing Date	September 5, 2000
First Named Inventor	Tsuyoshi, Takagi
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	13700-0251 (KS#44471/234055)

Sheet 1 of 1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	HUHNLEIN; <i>A Cryptosystem Based On Non-Maximal Imaginary Quadratic Orders With Fast Decryption</i> ; ADVANCES IN CRYPTOLOGY-EUROCRYPT '98, 1998, PGS 294-307	✓
	2	MENEZES; <i>Handbook of Applied Cryptography</i> ; 1997, CRC Press, Boca Raton, Florida 33431	X
	3	BUCHMANN; <i>On the Complexity and Efficiency of a New Key Exchange System</i> ; ADVANCES IN CRYPTOLOGY - EUROCRYPT '89; 1990, pgs 597-616	✓
	4	BIEHL; <i>Cryptographic Protocols Based on Discrete Logarithms in Real-Quadratic Orders</i> ; ADVANCES IN CRYPTOLOGY - CRYPTO '94, 1994, pgs. 56-60	
	5	RIVEST; <i>Obtaining Digital Signatures and Public-Key Cryptosystems</i> ; Communications of the ACM, Feb. 1978, Vol. 21, #2, pgs. 120-126.	
	6	CHAUM; <i>Centre for Mathematics and Computer Science</i> , 1998, Springer-Verlag, pgs. 212-214.	
	7	GENNARO; <i>RSA-Based Undeniable Signatures</i> ; 1998, Springer-Verlag, pgs. 132, 149.	
	8	SHANKS; <i>On Gauss and Composition 1</i> , NUMBER THEORY AND APPLICATIONS, pgs. 163-204, 1989, Kluwer Academic Publishers	
	9	<i>A Cryptosystem Based on Non-Maximal Imaginary Quadratic Orders with Fast Decryption</i> ; Proceedings Eurocrypt '98; March 1998, pgs. 294-307.	
	10	<i>Conference on the Mathematics of Public Key Cryptography</i> ; June 12, 1999, pgs 1-17	

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Examiner Signature		Date Considered	
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.